

| * | UE APPLICATION | | Docket Number | |
|--|--|---|---|--|
| DECLARATION BY THE INVENTOR | | R | 217004US0X RE | |
| As a below named inventor, I her My residence, post office address I believe I am the original, first an inventor (if plural names are listed identified patent: | s and citizenship are stated id sole inventor (if only one i | name is listed below) (| or an original firs | st and joint he below |
| Patent Number | | Date Patent Issued | | |
| 6,121,501 | | September 19, 2000 | | |
| Title of Invention PROCESS FOR PREPARING 2, | 6-DIALKYLNAPHTHALENE | | | |
| for which a reissue patent is sough PROCESS FOR PREPARING 2. | | | | |
| the specification of which | | | | |
| ■ is attached hereto | | | | |
| ☐ was filed on | as reissue a | application number | | |
| and (if applicable) was ame | nded on | | | |
| I have reviewed and understand by any amendment referred to at | oove. | | • | |
| I acknowledge the duty to disclos | | • | | |
| We (I) hereby claim foreign priori patent or inventor's certificate, or country other than the United Sta or inventor's certificate, or PCT in priority is claimed. Prior Foreign A | §365(a) of any PCT Internations, listed below and have a aternational application having the state of the st | itional application whi also identified below a | ch designated a Iny foreign appli | t least one cation for patent ication on which |
| Application No. | Country | Day/Mor | nth/Year | Pri rity Claimed |
| We (I) hereby claim the benefit us Application | nder 35 USC §119(e) of any ion Number | United States provis | ional application g Date | n(s) listed below. |
| We (I) hereby claim the benefit us International application designal claims of this application is not disprovided by the first paragraph of patentability as defined in 37 CFI the national or PCT International | ting the United States, listed isclosed in the prior United \$ f 35 USC §112, I acknowled R §1.56 which became avail filing date of this application | below and, insofar as States or PCT Interna- ge the duty to disclos able between the filin | s the subject ma tional application se information wi | itter of each of the n in the manner hich is material to |

Patented April 9, 1999 09/288,847 Patented October 10, 1997 08/948,299

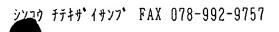
I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all that apply)

- by reason of a defective specification or drawing.
- by reason of the patentee claiming more or less than he had the right to claim in the patent.
- by reason of other errors.

At least one error upon which reissue is based is described as follows:

not having a claim directed to a process for preparing a polyester resin from 2,6-dialkylnaphthalene produced by the process of 1 of U.S. Patent No. 6,121,501.

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.





As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected herewith: Norman F. Oblon, Reg. No. 24,618; Marvin J. Spivak, Reg. No. 24,913; C. Irvin McClelland, Reg. No. 21,124; Gregory J. Maier, Reg. No. 25,599; Arthur I. Neustadt, Reg. No. 24,854; Richard D. Kelly, Reg. No. 27,757; James D. Hamilton, Reg. No. 28,421; Eckhard H. Kuesters, Reg. No. 28,870; Robert T. Pous, Reg. No. 29,099; Charles L. Gholz, Reg. No. 26,395; William E. Beaumont, Reg. No. 30,996; Jean-Paul Lavalleye, Reg. No. 31,451; Stephen G. Baxter, Reg. No. 32,884; Richard L. Treanor, Reg. No. 36,379; Steven P. Weihrouch, Reg. No. 32,829; John T. Goolkasian, Reg. No. 26,142; Richard L. Chinn, Reg. No. 34,305; Steven E. Lipman, Reg. No. 30,011; Carl E. Schlier, Reg. No. 34,426; James J. Kulbaski, Reg. No. 34,648; Richard A. Neifeld, Reg. No. 35,299; J. Derek Mason, Reg. No. 35,270; Surinder Sachar, Reg. No. 34,423; Jeffrey B. McIntyre, Reg. No. 36,867; Bradley D. Lytle, Reg. No. 40,073; Michael R. Casey, Reg. No. 40,294; William T. Enos, Reg. No. 33,128 and Michael E. McCabe, Jr., Reg. No. 37,182.

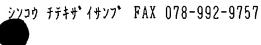
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| willful false statements and the like so made are punisha | r-that-these-statements were-made-with-the knowledge-that |
|---|---|
| Full Name of sole or first inventor (given name, family name) | |
| Masahiro MOTOYUKI | |
| Signature -> | Date December 18, 2001 |
| Residence | Citizenship |
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| Full Name of second joint inventor (given name, family name) | |
| Koji YAMAMOTO | |
| Signature Kin Mamam | Date December 18, 2001 |
| Residence | Citizenship |
| Kobe-shi, Hyogo, JAPAN | JAPAN |
| Post Office Address c/o Kobe Corporate Research Labor Nishi-ku, Kobe-shi, Hyogo, 651-22 J. | atories in Kobe Steel, Ltd, 5-5, Takatsuka-dai 1-chome, APAN |
| Full Name of third joint inventor (given name, family name) | |
| Ajit Vishwanath SAPRE | |
| Signature | Date |
| Residence | Citizenship |
| Moorestown, New Jersey, USA | INDIA |
| Post Office Address c/o Mobil Technology Company, 600 | Billingsport Road, Paulsboro, New Jersey 08066-0480 USA |
| ■ Additional joint inventors are named on separately | |



| Full Name of sole or first inventor (given name, family r | name) |
|---|--|
| John Paul Mc Williams | |
| Signature | Date . |
| Residence | Citizenship |
| Woodbury, New Jersey USA | USA |
| Post Office Address c/o Mobil Technology Co | mpany, 600 Billingsport Road, Paulsboro, New Jersey 08066-0480 USA |
| Full Name of second joint inventor (given name, family | |
| Susan Patricia DONNELLY | |
| Signature | Date |
| Residence | Citizenship |
| Kingwood, Texas, USA | USA |
| Doot Office Address | manny 600 Billingsood Poad, Paulsborg, New Jersey 08066-0480 USA |

MOBIL 起明为用

REISSUE APPLICATION

Docket Number

| DECLARATION BY THE INVENTO | DR | 217004US0X RE | |
|--|--|--|---|
| As a below named inventor, I hereby declare that: My residence, post office address and citizenship are stated I believe I am the original, first and sole inventor (if only one inventor (if plural names are listed below) of the subject mat identified patent: | name is listed below) | or an original first ar | nd joint pelow |
| Patent Number | Date Patent Issued | | |
| 6,121,501 | September 19, 2000 |) | |
| Title of Invention PROCESS FOR PREPARING 2,6-DIALKYLNAPHTHALENI | Ε | | |
| for which a reissue patent is sought on the invention entitled PROCESS FOR PREPARING 2,6-DIALKYLNAPHTHALEN | | | |
| the specification of which | | | |
| is attached hereto | | | |
| | application number | | |
| and (if applicable) was amended on | | - | |
| I have reviewed and understand the contents of the above-i deby any amendment referred to above. | | | |
| acknowledge the duty to disclose information which is mate | erial to patentability as | defined in 37 CFR | 1.56. |
| We (I) hereby claim foreign priority benefits under 35 USC § patent or inventor's certificate, or §365(a) of any PCT International country other than the United States, listed below and have or inventor's certificate, or PCT international application have priority is claimed. Prior Foreign Application(s): | ational application wh also identified below a ing a filing date before | ich designated at lea any foreign application that of the application | ast one on for patent |
| Application No. Country | Day/Mo | onth/Year | Claimed |
| <u> </u> | | <u>.</u> | |
| ⊎ ———————————————————————————————————— | y United States <i>provi</i> s | sional application(s) ng Date | listed below. |
| We (I) hereby claim the benefit under 35 USC §120 of any t | Inited States applicati | 4. | |
| International application designating the United States, lister claims of this application is not disclosed in the prior United provided by the first paragraph of 35 USC §112, I acknowle patentability as defined in 37 CFR §1.56 which became available the national or PCT International filing date of this application | d below and, insofar a States or PCT Interna dge the duty to disclos ilable between the filing in. | as the subject matter ational application in se information which ng date of the prior a | the manner is material to application and |
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| International application designating the United States, lister claims of this application is not disclosed in the prior United provided by the first paragraph of 35 USC §112, I acknowle patentability as defined in 37 CFR §1.56 which became avaithe national or PCT International filing date of this application Application Serial No. | d below and, insofar a States or PCT Interna dge the duty to disclosifiable between the filir filing Date 999 10, 1997 Frative or invalid, for the had the right to clain as follows: ester resin from 2,6-di | es the subject matter ational application in se information which ag date of the prior a PP P | the manner is material to application and Status Status Status Statented Datented Debit below. (Check |

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected herewith: Norman F. Oblon, Reg. No. 24,618; Marvin J. Spivak, Reg. No. 24,913; C. Irvin McClelland, Reg. No. 21,124; Gregory J. Maier, Reg. No. 25,599; Arthur I. Neustadt, Reg. No. 24,854; Richard D. Kelly, Reg. No. 27,757; James D. Hamilton, Reg. No. 28,421; Eckhard H. Kuesters, Reg. No. 28,870; Robert T. Pous, Reg. No. 29,099; Charles L. Gholz, Reg. No. 26,395; William E. Beaumont, Reg. No. 30,996; Jean-Paul Lavalleye, Reg. No. 31,451; Stephen G. Baxter, Reg. No. 32,884; Richard L. Treanor, Reg. No. 36,379; Steven P. Weihrouch, Reg. No. 32,829; John T. Goolkasian, Reg. No. 26,142; Richard L. Chinn, Reg. No. 34,305; Steven E. Lipman, Reg. No. 30,011; Carl E. Schlier, Reg. No. 34,426; James J. Kulbaski, Reg. No. 34,648; Richard A. Neifeld, Reg. No. 35,299; J. Derek Mason, Reg. No. 35,270; Surinder Sachar, Reg. No. 34,423; Jeffrey B. McIntyre, Reg. No. 36,867; Bradley D. Lytle, Reg. No. 40,073; Michael R. Casey, Reg. No. 40,294; William T. Enos, Reg. No. 33,128 and Michael E. McCabe, Jr., Reg. No. 37,182.

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on

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information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed. Full Name of sole or first inventor (given name, family name) Masahiro MOTOYUKI Date Signature Citizenship Residence JAPAN Osaka-shi, Osaka JAPAN c/o Osaka Branch in Kobe Steel, Ltd, 1-3, Bingo-machi 4-chome, Chuo-ku Post Office Address Osaka-shi, Osaka 541, JAPAN Full Name of second joint inventor (given name, family name) Koji YAMAMOTO Date Signature Citizenship Residence **JAPAN** Kobe-shi, Hyogo, JAPAN c/o Kobe Corporate Research Laboratories in Kobe Steel, Ltd, 5-5, Takatsuka-dai 1-chome, Post Office Address Nishi-ku, Kobe-shi, Hyogo, 651-22 JAPAN Full Name of third joint inventor (given name, family name) Ajit Vishwanath SAPRE Date Signature 28/02 Citizenship Residence ASDIA WICHAL

Additional joint inventors are named on separately numbered sheets attached hereto.

c/o Mobil Technology Company, 600 Billingsport Road, Paulsboro, New Jersey 08066-0480 USA



| Full Name of sole or first inventor (given name, family | name) |
|---|---|
| John Paul Mc Williams | |
| Signature | Date |
| Residence | Citizenship |
| Woodbury, New Jersey USA | USA |
| Post Office Address c/o Mobil Technology C | ompany, 600 Billingsport Road, Paulsboro, New Jersey 08066-0480 USA |
| Full Name of second joint inventor (given name, family | |
| Susan Patricia DONNELLY | |
| Signature | Date |
| Residence | Citizenship |
| Kingwood, Texas, USA | USA |
| | ompany, 600 Billingsport Road, Paulsboro, New Jersey 08066-0480 USA |

| REISSUE APPLIC | ATION | • | Docket Number | |
|--|--|--|---|---|
| DECLARATION BY THI | | DR | 217004US0X F | E |
| As a below named inventor, I hereby declare the My residence, post office address and citizens. I believe I am the original, first and sole inventor inventor (if plural names are listed below) of the identified patent: | nip are stated or (if only one | name is listed below) | or an original firs | et and joint ne below |
| Patent Number | | Date Patent Issued | | |
| 6,121,501 Title of Invention | | September 19, 2000 | | |
| PROCESS FOR PREPARING 2,6-DIALKYLNA | PHTHALEN | E | | * |
| for which a reissue patent is sought on the inverse PROCESS FOR PREPARING 2,6-DIALKYLNA | | | | |
| the specification of which | | | • | |
| is attached hereto | ac raiceua | application number | | |
| □ was filed on and (if applicable) was amended on | – as reissue | application names | <u> </u> | |
| I have reviewed and understand the contents of by any amendment referred to above. | of the above-i | dentified specification | - , including-the cla | nims, as amended |
| I acknowledge the duty to disclose information | which is mat | erial to patentability as | s defined in 37 Cl | FR 1.56. |
| patent or inventor's certificate, or §365(a) of ar country other than the United States, listed bel or inventor's certificate, or PCT international appriority is claimed. Prior Foreign Application(s) | ow and have oplication hav | also identified below | any toreign applic | ation for patent |
| Application No. Cou | intry | Day/Mo | onth/Year | Claimed |
| We (I) hereby claim the benefit under 35 USC Application Number | §119(e) of ar | ny United States <i>provi</i> Filir | sional application ng Date | (s) listed below. |
| We (I) hereby claim the benefit under 35 USC International application designating the United claims of this application is not disclosed in the provided by the first paragraph of 35 USC §11 patentability as defined in 37 CFR §1.56 which the national or PCT International filing date of | d States, liste e prior United 2, I acknowle i became ava | d below and, insofar a States or PCT Interna dge the duty to disclo iilable between the filii | as tne subject ma ational applicatior se information wh | tter of each of the in the manner hich is material to |
| Application Serial No. | | Filing Date | | Status |
| 09/288,847 | April 9, 1 | 999 | | Patented |
| 08/948,299 | October | 10, 1997 | | Patented |
| I verily believe the original patent to be wholly call that apply) by reason of a defective specification or described by reason of the patentee claiming more call by reason of other errors. At least one error upon which reissue is based | rawing. or less than h | e had the right to clair | • | bed below. (Check |

not having a claim directed to a process for preparing a polyester resin from 2,6-dialkylnaphthalene produced by the

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

process of 1 of U.S. Patent No. 6,121,501.

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

| Full Name of sole or first inventor (given name, family name) | |
|---|---|
| Masahiro MOTOYUKI | |
| Signature ± | Date |
| Residence Osaka-shi, Osaka JAPAN | Citizenship JAPAN |
| Post Office Address c/o Osaka Branch in Kobe Steel, Ltd, Osaka-shi, Osaka 541, JAPAN | |
| Full Name of second joint inventor (given name, family name) | |
| Koji YAMAMOTO | |
| Signature | Date |
| Residence | Citizenship |
| Kobe-shi, Hyogo, JAPAN | JAPAN |
| | atories in Kobe Steel, Ltd, 5-5, Takatsuka-dai 1-chome, APAN |
| Full Name of third joint inventor (given name, family name) | |
| Äjit Vishwanath SAPRE | |
| Signature | Date |
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| Additional joint inventors are named on separately r | |

(OSMMN 7/99)

| Full Name of sole or first inventor (given name, family name) | |
|---|---|
| John-Paul Mc Williams | |
| Signature for Paul Mc William | Date Tebruay 4, 2002 |
| Residence SWEDESBORO | Citizenship |
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| | 00 Billingsport Road, Paulsboro, New Jersey 08066-0480 USA |
| Full Name of second joint inventor (given name, family name) | |
| Susan Patricia DONNELLY | |
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| Kingwood, Texas, USA | USA |
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REISSUE APPLICATION .

Docket Number

| DECLARATION BY THE I | NVENTOR | 217004US0 | X RE |
|---|--|--|--|
| As a below named inventor, I hereby declare that: My residence, post office address and citizenship I believe I am the original, first and sole inventor (if inventor (if plural names are listed below) of the su identified patent: | only one name is | isted below) or an origina | I first and joint in the below |
| Patent Number 6,121,501 | | ent Issued ber 19, 2000 | |
| Title of Invention PROCESS FOR PREPARING 2,6-DIALKYLNAPH | THALENE | | |
| for which a reissue patent is sought on the invention PROCESS FOR PREPARING 2,6-DIALKYLNAPH | on entitled: | | |
| the specification of which | | | |
| is attached hereto | iuo oppliaati | a number | |
| □ was filed on and (if applicable) was amended on | s reissue application | on number | |
| I have reviewed and understand the contents of th | a above identified | | o claime, as amended |
| by any amendment referred to above. | e above-lucitimeu | specification, including the | , oldinis, us amondod |
| acknowledge the duty to disclose information whi | ch is material to pa | tentability as defined in 3 | 7 CFR 1.56. |
| We (I) hereby claim foreign priority benefits under patent or inventor's certificate, or §365(a) of any P country other than the United States, listed below for inventor's certificate, or PCT international applicationity is claimed. Prior Foreign Application(s): | CT International ap and have also iden | oplication which designate tified below any foreign ap | d at least one oplication for patent pplication on which |
| Application No. Country | y | Day/Month/Year | Priority Claimed |
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|---|---|
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| Osaka-shi, Osaka JAPAN | JAPAN |
| | 1-3, Bingo-machi 4-chome, Chuo-ku |
| Full Name of second joint inventor (given name, family name) | |
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| Residence | Citizenship |
| Woodbury, New Jersey USA | USA |
| Post Office Address c/o Mobil Technology Company, 600 | Billingsport Road, Paulsboro, New Jersey 08066-0480 USA |
| Full Name of second joint inventor (given name, family name) | |
| Susan Patricia DONNELLY | |
| Signature Susan Patricia Donnell Residence Houston | Date 4eb 5, 2002 |
| Residence HOUSTON | Citizenship |
| K ingwoo d, Texas, USA | USA |
| Post Office Address c/o Mobil Technology Company, 600 | Billingsport Road, Paulsboro, New Jersey 08066-0480 USA |

of fine fine the terms of the state of the state than the state terms of the state terms.

| | STATEMENT UNDER 37 CFR 3.73(b) |
|---|---|
| Applicant/Patent Owner: | Kabushiki Kaisha Kobe Seiko Sho and Mobil Oil Corporation |
| Application No./Patent No.: | 6,121,501 Issue Date: <u>September 19, 2000</u> |
| Entitled: PROCESS FOR PREPAR | ING 2,6-DIALKYLNAPHTHALENE |
| Kabushiki Kaisha Kobe Seike | Sho, a Corporation |
| (Name of Assignee) | (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.) |
| Mobil Oil Corporation, | a Corporation |
| (Name of Assignee) | (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.) |
| state that they are each: | |
| 1. an assignee of the entire right, | title, and interest in the parent application/patent identified above by virtue of: |
| 2. ■ An assignment from the invent United States Patent and Trademark | or(s) of the patent application/patent identified above. The assignment was recorded in the Office at Reel 10067, Frame 0915. |
| 3. Copies of assignments or other | documents in the chain of title are attached. |
| The undersigned (whose title is supp | olied below) is authorized to act on behalf of Kabushiki Kaisha Kobe Seiko Sho |
| The undersigned (whose title is supp | ned below) is authorized to act on behalf of Kabushiki Kaisha Kobe Seiko Sho |
| December 20, 2001 | Mamoru AOKI |
| Date | Typed or printed name |
| | mann Arti |
| | Signature General Manager of |
| | Intellectual Property Department |
| | Title |
| | Seneral XIVanager XXI |
| The undersigned (whose title is supp | lied below) is authorized to act on behalf of Mobil Oil Corporation |
| | |
| 1-25-02 | Dennis P. Santini |
| Date | Typed or printed name |
| | Many Starting |
| | Signature |
| | Senior Counsel |
| | Title |

| REISSUE APPLICATION: CONSENT OF ASSIGNEE; STATEMENT OF NON-ASSIGNMENT | | Docket Number (Optional) 217004US0X RE | |
|---|---|---|--|
| | | | |
| This is part of the application for a reissue patent ba | ased on the original pate | ent identified below. | |
| Patent Number 6,121,501 | Date Patent Issued September 19, 200 | 0 | |
| Name of Patentee(s) Masahiro MOTOYUKI; Koji YAMAMOTO; Ajit Vishwanath SAPRE; John Paul Mc WILLIAMS; Susan Patricia DONNELLY | | | |
| Title of Invention PROCESS FOR PREF | Title of Invention PROCESS FOR PREPARING 2,6-DIALKYLNAPHTHALENE | | |
| 1. Filed herein is a statement under 37 CFR 3.73(b). | | | |
| 2. Ownership of the patent is in the inventor(s), and no assignment of the patent is in effect. | | | |
| The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue. | | | |
| The assignees each owning an undivided interest in said original patent are Kabushiki Kaisha Kobe Seiko Sho and Mobil Oil Corporation, and the assignees consent to the accompanying application for reissue. | | | |
| Name of assignee/inventor (if not assigned) | | | |
| Kabushiki Kaisha Kobe Seiko Sho | | | |
| Signature of person signing for assignee | | Date | |
| | | December 20, 2001 | |
| Typed or printed name of person signing for assignee Mamoru AOKI | | | |
| Name of assignee/inventor (if not assigned) | | | |
| Mobil Oil Corporation | | | |
| Signature of person signing for assignee | | Date /-25-22_ | |
| Typed or printed name of person signing for assignee | | | |
| Dennis P. Santini | | | |



REISSUE APPLICATION OFFER TO SURRENDER PATENT

Docket Number 217004US0X RE

| This is part of the application for a reissue patent based on the original patent identified below. | | |
|---|--|--|
| Name of Patentee(s) | | |
| Masahiro MOTOYUKI, et al. | | |
| Patent Number | Date Patent Issued | |
| 6,121,501 | September 19, 2000 | |
| Title of Invention | _ | |
| PROCESS FOR PREPARING 2,6-DIALKYLNAPHTHALENI | | |
| Kabushiki Kaisha Kobe Seiko Sho and Mobil Oil Corporation are the owners of the entire right, title and interest in and to U.S. Patent No. 6,121,501. Kabushiki Kaisha Kobe Seiko Sho and Mobil Oil Corporation offer to surrender the original patent upon notification of the allowability of the present Reissue application, or to submit satisfactory evidence that the same is unavailable. Filed herein is a certificate under 37 CFR 3.73(b). Filed herein is a certificate under 37 CFR 3.73(b). Ownership of the patent is in the inventor(s), and no assignment of the patent has been made. | | |
| Name of assignee | And the second s | |
| Name of assignee :Kabushiki Kaisha Kobe Seiko Sho | | |
| Signature of person signing for assignee | Date | |
| Mann Ash | December 20, 2001 | |
| Typed or printed name of person signing for assignee Mamoru AOKI | | |
| Name of assignee | | |
| ∰obil Oil Corporation / | | |
| Signature of person signing for assignee | Date /- 25-02 | |
| Typed or printed name of person signing for assignee | | |
| Dennis P. Santini | | |
| (OSMMN 10/98) | | |

Assignment Of Application

Page 1 of 2

INSERT NAMES AND RESIDENCE ADDRESSES OF THE INVENTORS:

WHEREAS, I (WE) Masahiro MOTOYUKI of c/o Osaka Branch in Kobe Steel, Ltd., 1-3, Bingo-machi 4-chome, Chuo-ku, Osaka-shi, Osaka 541, JAPAN; Koji YAMAMOTO of c/o Kobe Corporate Research Laboratories in Kobe Steel, <u>Ltd., 5-5, Takatsuka-dai 1-chome, Nishi-ku, Kobe-shi, Hyogo, 651-22</u> <u>JAPAN: Ajit Vishwanath SAPRE of c/o Mobil Technology Company, 600</u> Billingsport Road, Paulsboro, New Jersey 08066-0480; John Paul Mc WILLIAMS of c/o Mobil Technology Company, 600 Billingsport Road, Paulsboro, New Jersey 08066-0480; and Susan Patricia DONNELLY of c/o Mobil Technology Company, 600 Billingsport Road, Paulsboro, New <u>Jersev 08066-0480</u>

INSERT TITLE F INVENTION:

have invented certain new and useful improvements in: PROCESS FOR PREPARING

INSERT DATE IN-

for which an application for Letters Patent was executed on Hay 26, May 20, and May 20 for which an application for Letters Patent was executed on

VENTORS SIGNED DECLARATION:

INSERT NAME AND ADDRESS OF COMPANY OR

OTHER ASSIGNEE:

09/288,847 April 9, 1999 filed KABUSHIKI KAISHA KOBE SEIKO SHO also known as KOBE STEEL, LTD.

2.6-DIALKYINAPHTHALENE

(Application No.

WHEREAS, 2. MOBIL OIL CORPORATION

(hereinafter referred to as "ASSIGNEE") having a place of business at: _

3-18, Wakinohama-cho 1-chome, Chuo-ku, Kobe 651, JAPAN

3225 Gallows Road, Fairfax, Virginia 22037

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

| Date: | June 14, 1999 | (Signature of Inventor) Massahiro MOTOYUKI |
|--------|---------------|--|
| | June 14, 1999 | (Signature of Infinitor) Masahiro MOTOYUKI (Signature of Infinitor) Koji YAMAMOTO |
| Date:_ | | (Signature of Inventor) Ajit Vishwanath SAPRE |
| Date:_ | | (Signature of Inventor) John Paul Mc WILLIAMS |
| Date:_ | | (Signature of Inventor) Susan Patricia DONNELLY |
| Date:_ | | (Signature of inventor) |
| Date:_ | | (Signature of Inventor) |
| Date:_ | | (Signature of Inventor) |

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW
FOURTH FLOOR
1755 JEFFERSON DAVIS HIGHWAY
ARLINGTON, VIRGINIA 22202





This Momorater of the Ocales Branch in Kohe Steel

Assignment Of Application

Page 1 of 2

INSERT NAMES AND RESIDENCE ADDRESSES OF THE INVENTORS:

| WHEREAS, I (WE) Masanito MOIOYURI OF C/O USARA BEARLY IN NOISE SECCE! |
|--|
| Ltd., 1-3, Bingo-machi 4-chome, Chuo-ku, Osaka-shi, Osaka 541, JAPAN; |
| Koji YAMAMOTO of c/o Kobe Corporate Research Laboratories in Kobe Steel, |
| Ltd., 5-5, Takatsuka-dai 1-chome, Nishi-ku, Kobe-shi, Hyogo, 651-22 |
| JAPAN: Ajit Vishwanath SAPRE of c/o Mobil Technology Company, 600 |
| Billingsport Road, Paulsboro, New Jersey 08066-0480; John Paul |
| Mc WILLIAMS of c/o Mobil Technology Company, 600 Billingsport Road, |
| Paulsboro, New Jersey 08066-0480; and Susan Patricia DONNELLY of |
| c/o Mobil Technology Company, 600 Billingsport Road, Paulsboro, New |
| Jersey 08066-0480 |
| |
| |
| , respectively, |
| have invented certain new and useful improvements in: PROCESS FOR PREPARING |
| 2.6-DTALKYINAPHTHALFNE |
| for which an application for Letters Patent was executed on May 26, May 20, and May 20, 1999, June 14, and June 14, 1999 |
| (Application No. 09/288,847 filed April 9, 1999), and 1. KABUSHIKI KAISHA KOBE SEIKO SHO also known as KOBE STEEL, L |
| WHEREAS, 2. MOBIL OIL CORPORATION |
| |

INSERT DATE IN-LYENTORS SIGNED DECLARATION:

INSERT TITLE OF INVENTION:

(ħ

INSERT NAME AND ADDRESS OF C MPANY OR THER ASSIGNEE:

(hereinafter referred to as "ASSIGNEE") having a place of business at:

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2. 3225 Gallows Road, Fairfax, Virginia 22037

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| Date: | |
|---------------------|---|
| | (Signature of Inventor) Masahiro MOTOYUKI |
| Date: | _ |
| | (Signature of Inventor) Koji YAMAMOTO |
| Date: 197 26, 1977 | Di Educ |
| , | (Signature of Inventor) Ajit Vishwanath SAPRE |
| Date: May 20, 1999 | (Stephature of Inventor) Ajit Vishwanath SAPRE |
| O | (Signature of Inventor) John Paul Mc WILLIAMS |
| Date: 111. 20, 1599 | (Signature of Inventor) Susan Patricia DONNELLY |
| | (Signature of Inventor) Susan Patricia DONNELLY |
| Date: | . U |
| | (Signature of Inventor) |
| Date: | |
| | (Signature of Inventor) |
| _ | |
| Date: | (Supartite of Inventor) |

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202 I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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| Date: | _ |
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| | (Signature of Inventor) Masahiro MOTOYUKI |
| Date: | (Signature of Inventor) |
| | (Signature of Inventor) Koji YAMAMOTO |
| Date: 120, 17-7 | Die Lieu |
| , | (Stphasure of Inventor) Ajit Vishwanath SAPRE |
| Date: May 20, 1999 | (Stgrature of Inventor) Ajit Vishwanath SAPRE |
| 0 | (Signature of Inventor) John Paul Mc WILLIAMS |
| Date: 71/2 20, 1559 | (Signature of Inventor) Susan Patricia DONNELLY |
| •/ | (Signature of Inventor) Susan Patricia DONNELLY |
| Date: | · |
| Date: | (Signature of Inventor) |
| | |
| Date: | |
| | (Signature of Inventor) |
| Date: | |
| | (Signature of Inventor) |

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